

**AMENDMENTS TO THE CLAIMS:**

Kindly amend claims 1-5, as shown below. This listing of claims will replace all prior versions and listings of claims in the Application:

**Claim 1 (currently amended):** A method for secure data transmission in selling products, wherein a product selection terminal  $[(10)]$  as well as counter ~~means (20)~~ mechanism comprising a document reading station  $[(22)]$ , and a product delivery storage  $[(30)]$  are provided, and wherein at the product selection terminal  $[(10)]$  a product is selected and a document  $[(16)]$  for the selected product is output by ~~means of~~ a printing device  $[(14)]$ , characterized in

that said document  $[(16)]$  is provided with a first self-checking encryption code  $[(P)]$  and with a first algorithm  $[(f_1, f_2)]$  for encrypting a product identification of the selected product or the selling identification of a selling process, wherein one or more selling identifications are provided on said document,

that said encryption on said document  $[(16)]$  is identified (decrypted) at the document reading station  $[(22)]$ , wherein the value associated to said product is detected and forwarded to said counter ~~means (20)~~ mechanism for balancing the value (payment),

that after the payment of said product said counter ~~means (20)~~ mechanism delivers an electronic information carrier  $[(26)]$  by an output device  $[(24)]$  connected thereto, wherein said electronic information carrier includes a CPU  $[(28)]$  generating a second self-checking encryption code  $[(P')]$  having any encryption depth by ~~means of~~ using a second algorithm  $[(f_1, f_2)]$  for encrypting all the products being paid, ~~wherein said second encryption code is different from or even the same as the first encryption code, and~~

that said electronic information carrier [(26)] is supplied to a reading unit [(32)] in said product delivery storage [(30)] in order to identify and to decrypt said second encryption code [(P)], wherein in case of an authorized identification the delivery of the selected product [(34)] in the selected quantity from the product delivery storage [(30)] is started.

**Claim 2 (currently amended):** The method for secure data transmission in selling products according to claim 1, characterized in that said output device [(24)] includes a CPU [(28')] generating said second self-checking encryption code (P') ~~by means of~~ using a second or the same algorithm (~~f<sub>1</sub>, f<sub>2</sub>, f<sub>1</sub>, f<sub>2</sub>~~) for encrypting the products being paid, wherein said electronic information carrier [(26')] is provided as a passive memory and wherein a PIN is additionally inserted.

**Claim 3 (currently amended):** The method for secure data transmission in selling products according to claim 1, characterized in that in a variation said first algorithm [(f<sub>1</sub>, f<sub>2</sub>)] does not represent any encryption algorithm and thus no encryption of said document [(16)] is applied.

**Claim 4 (currently amended):** The method for secure data transmission in selling products according to claim 1, characterized in that an encrypted data transmission between said product delivery [(30)] and said product delivery terminal [(10)] is provided.

**Claim 5 (currently amended):** The method for secure data transmission in selling products according to claim 1, characterized in that said data transmission between the individual zones comprising the product selection zone [(1)], the counter zone [(2)] and the product delivery zone [(3)] is established by ~~means of~~ information carriers and[/or] devices

operating by [[means]] a mechanism of printing engineering, radio engineering, lighting engineering or magnetically.

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